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#8
2/6/03
J. Maier

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF :
TAKESHI SAITO ET AL : EXAMINER: FERRIS, D. W.
SERIAL NO: 09/389,469 :
FILED: SEPTEMBER 3, 1999 : GROUP ART UNIT: 2663
FOR: COMMUNICATION NODE AND :
PACKET TRANSFER METHOD :

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COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Any corrections required by the Chief Draftsman or drawings amendments approved by the Examiner have been incorporated into the copies of the Formal Drawings submitted herewith. It is requested that the enclosed 13 sheets of Formal Drawings be entered to replace the drawings previously filed in this application.

Respectfully submitted,

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MAIER & NEUSTADT, P.C.

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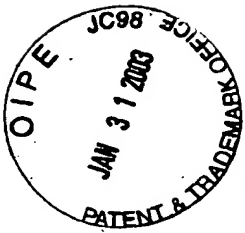
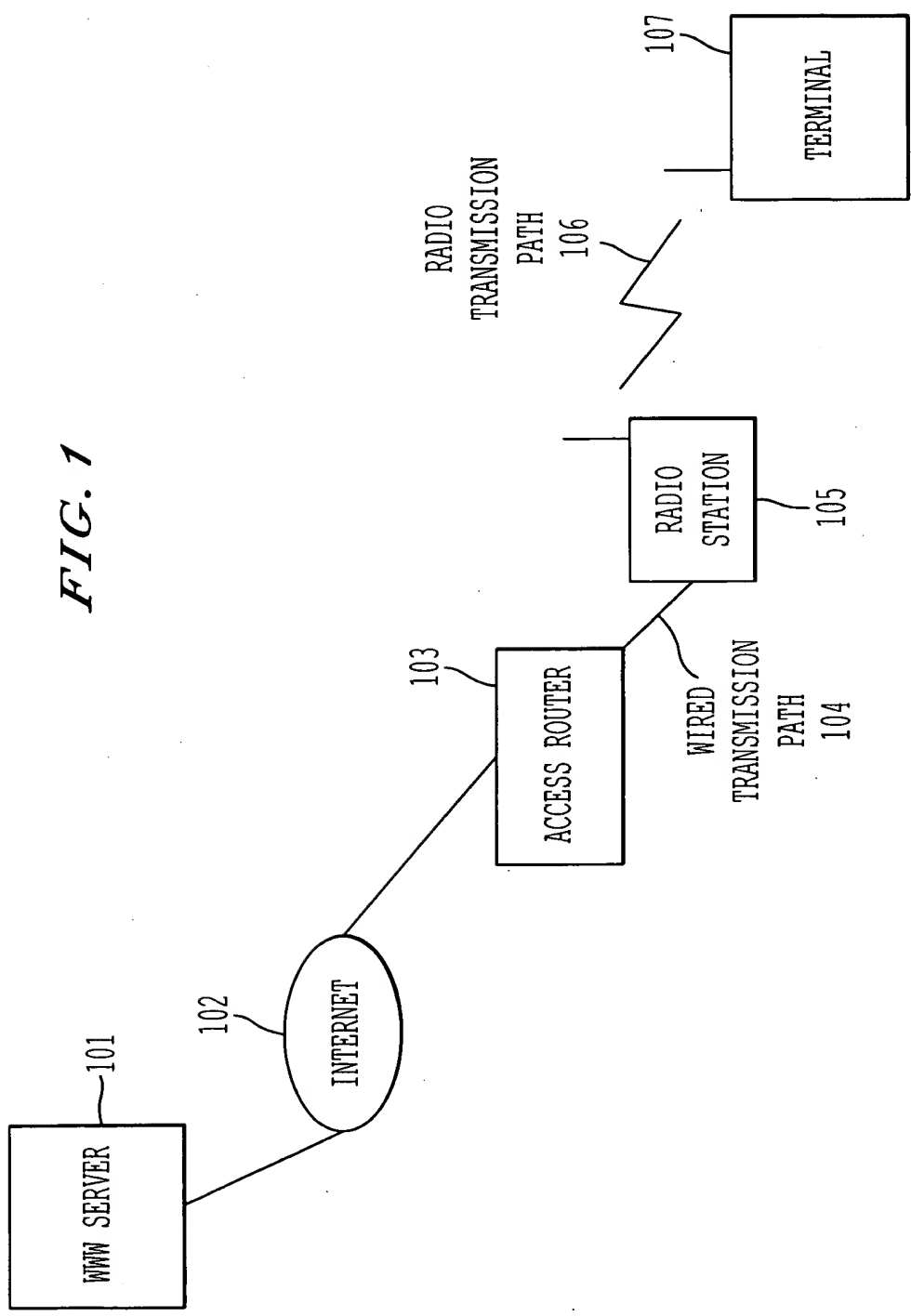


FIG. 1



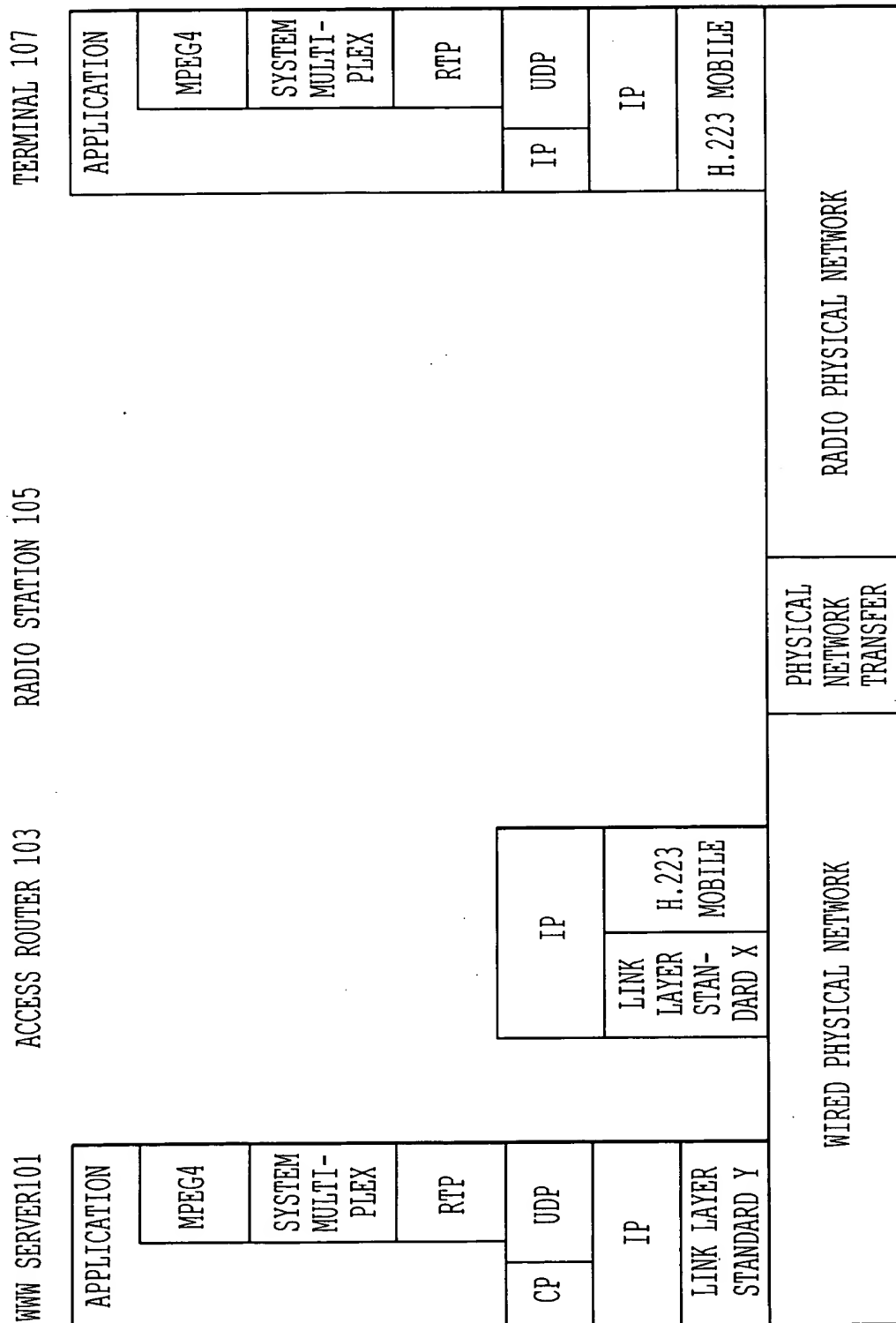
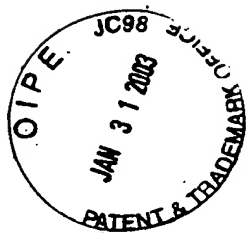


FIG. 2

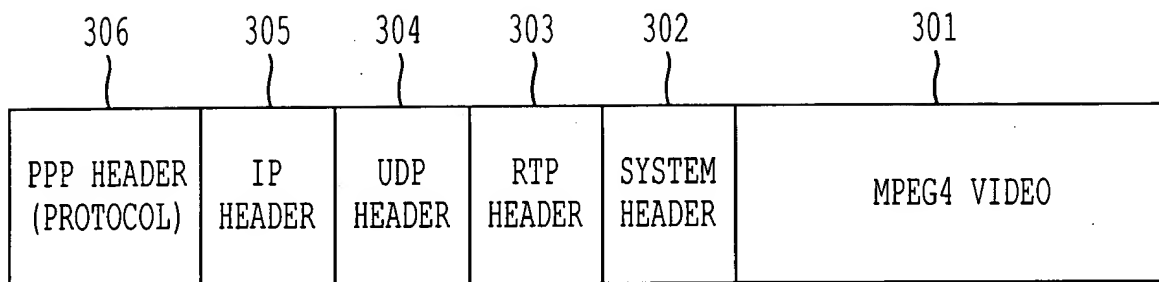
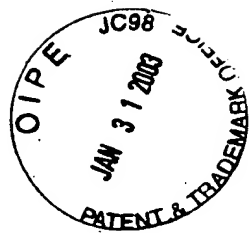


FIG. 3

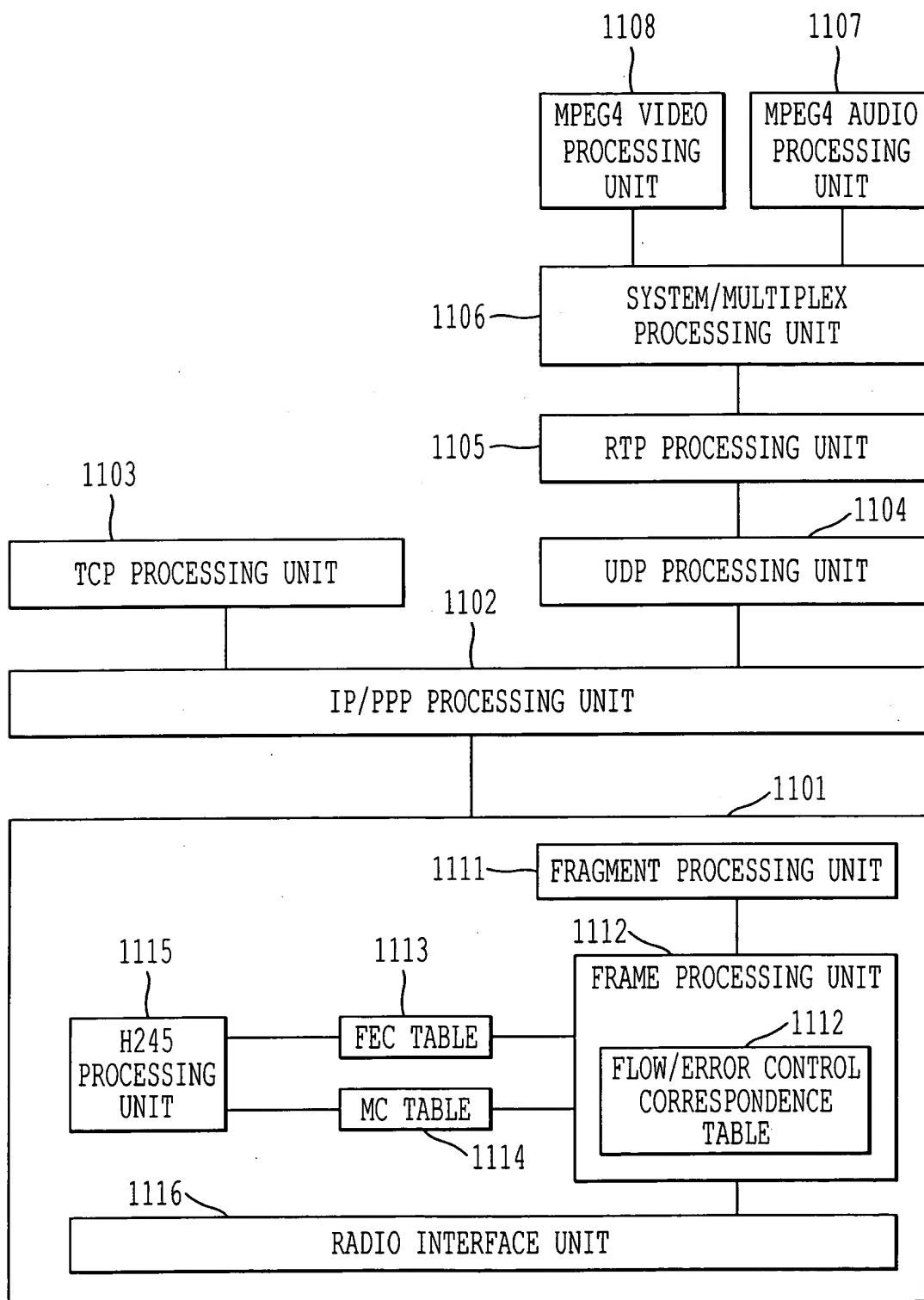
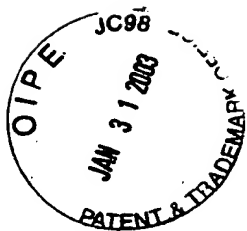


FIG. 4

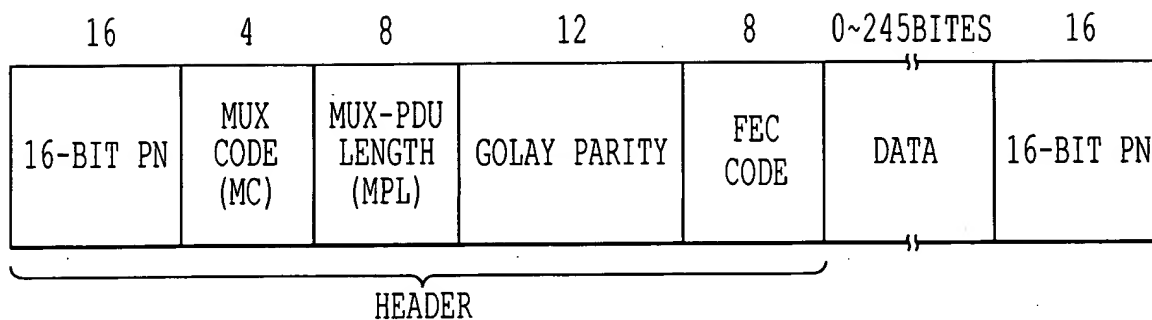
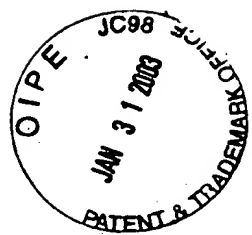


FIG. 5

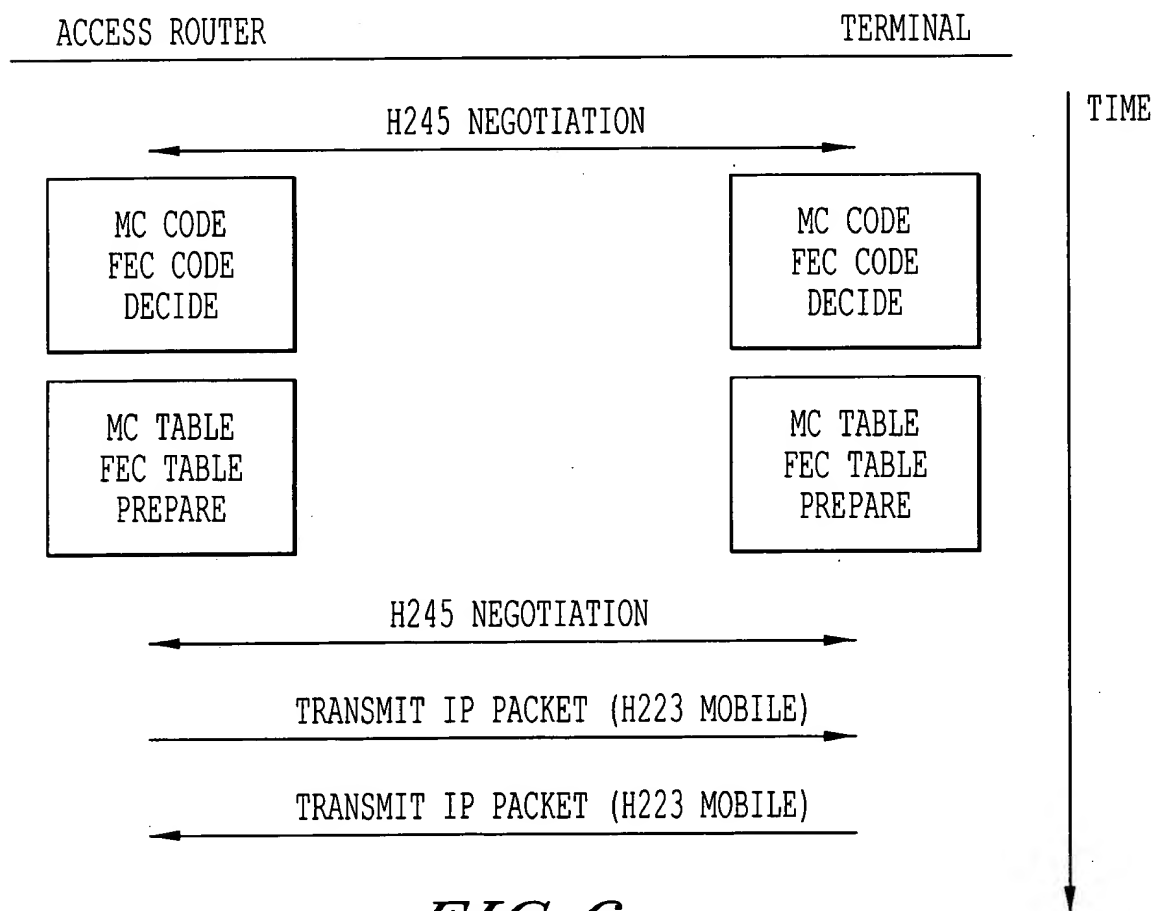
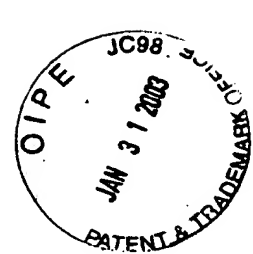


FIG. 6



VALUE OF MC	PAYLOAD CONFIGURATION	ATTIRBUTES
1	DATA1	APPLY FEC
2	DATA2	RETRANSMIT CONTROL UPON THE OCCURRENCE OF ERROR
⋮	⋮	⋮

FIG. 7

FEC CORRESPONDENCE TABLE FOR DATA1	FEC CODE	FEC SCHEME	WITH ERROR CORRECTION ABILITY CAPABLE OF REDUCING ERROR RATE OF 10-3 DOWN TO ZERO
	1	FEC1	
FEC CORRESPONDENCE TABLE FOR DATA2	2	FEC2	WITH ERROR CORRECTION ABILITY CAPABLE OF REDUCING ERROR RATE OF 10-3 DOWN TO ERROR RATE OF 10-6
	1	FEC3	
	2	FEC4	

FIG. 8

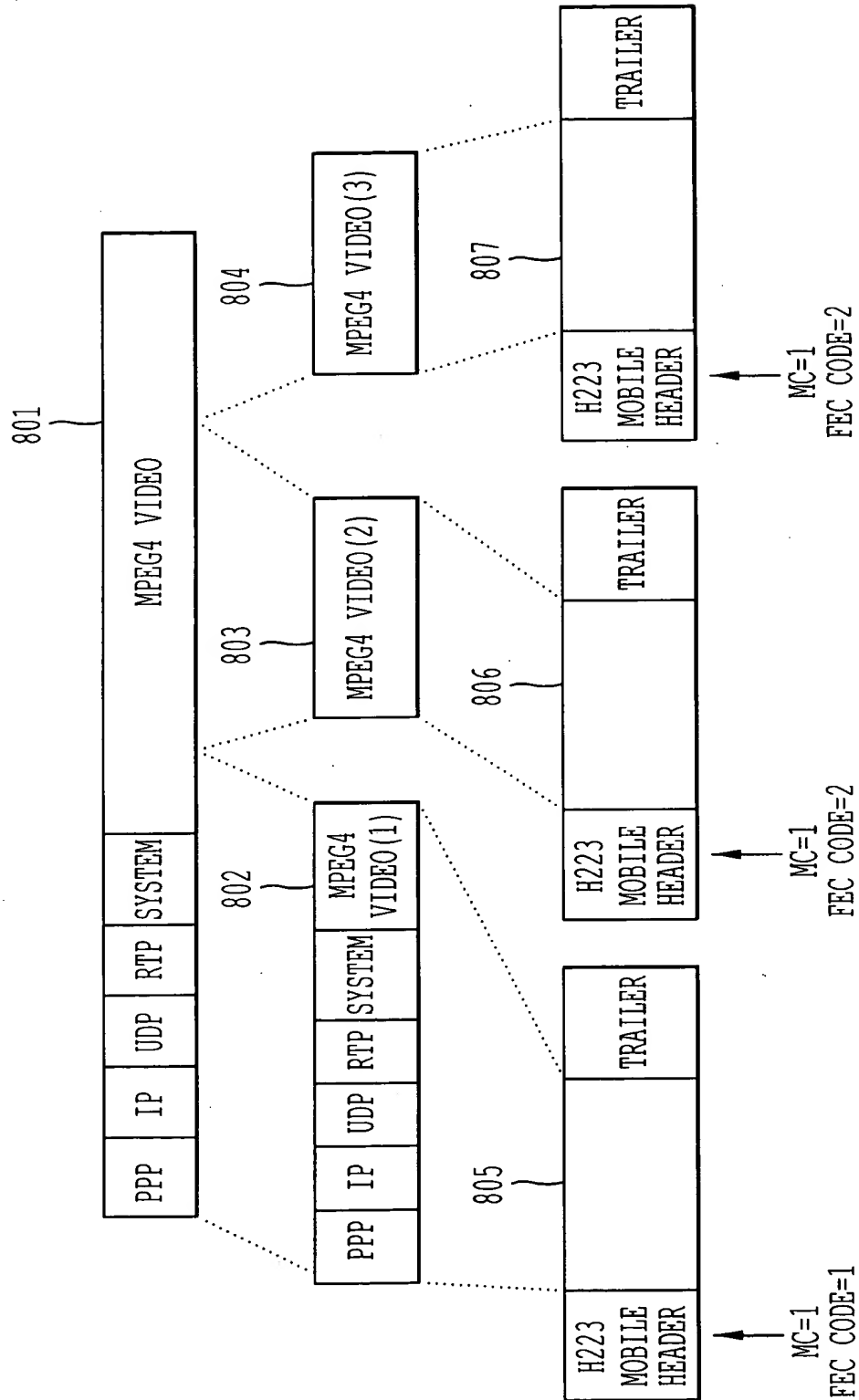


FIG. 9

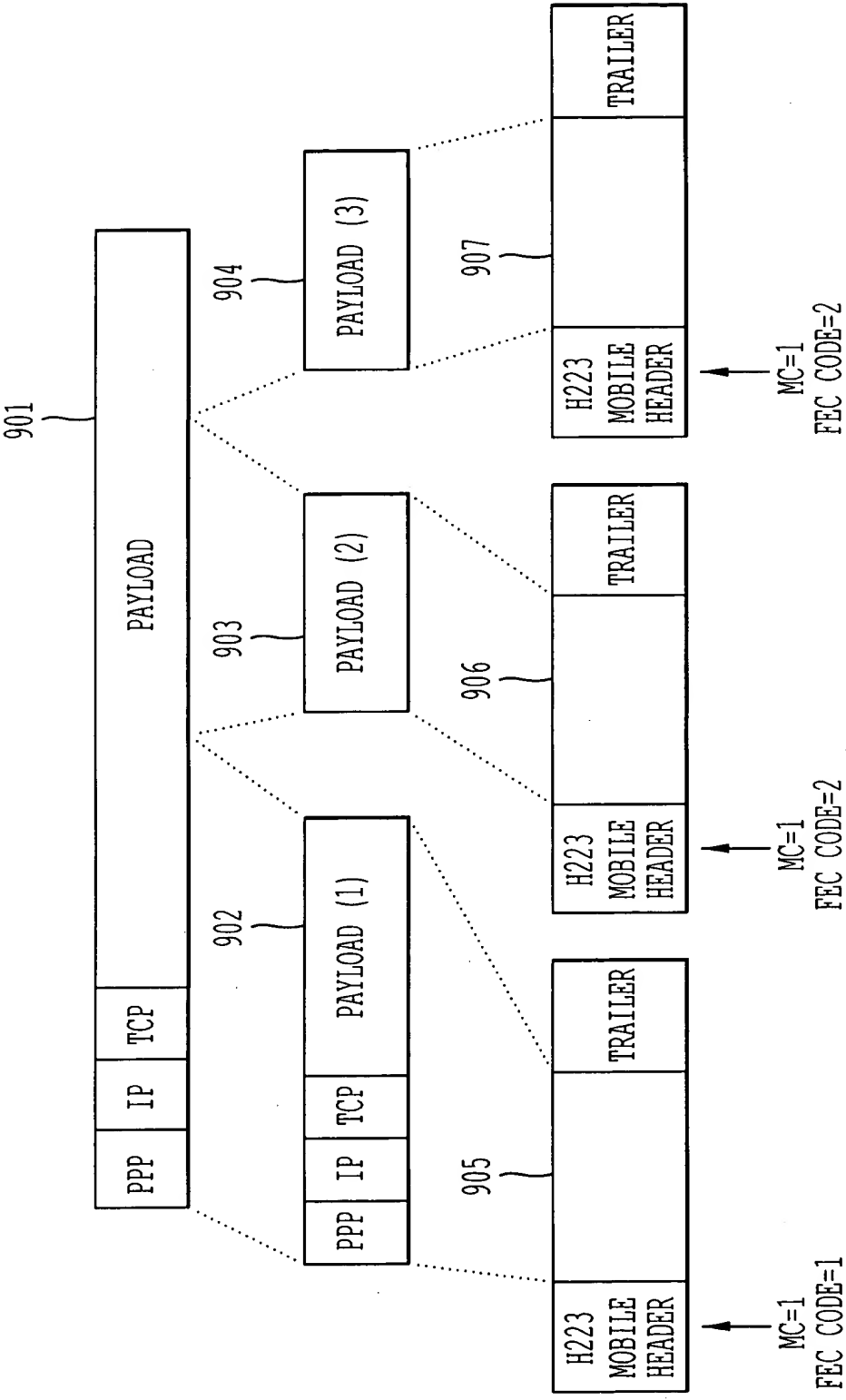


FIG. 10

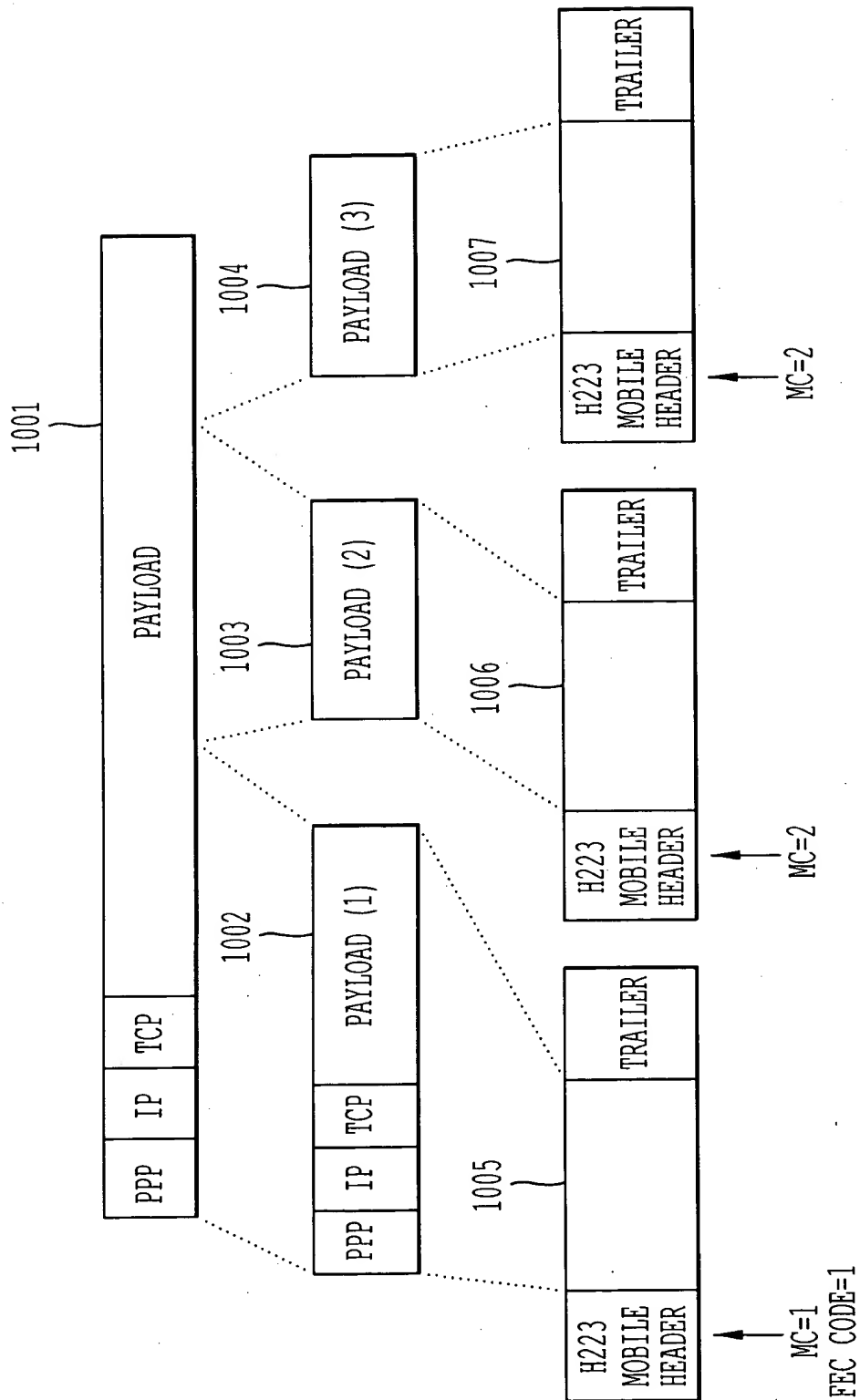
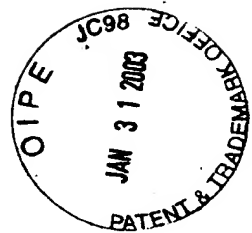
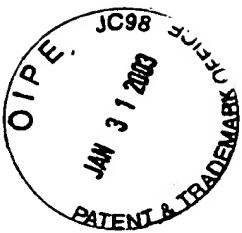


FIG. 11



ATTRIBUTES (HIGHER-LEVEL LAYER PROTOCOL, FLOW, ETC.)	ERROR CONTROL SCHEME
TCP PROTOCOL	MC=1 (1ST FRAGMENT) MC=2 (2ND AND SUBSEQUENT FRAGMENTS)
UDP PROTOCOL	MC=1, FEC=1 (1ST FRAGMENT) MC=1, FEC=2 (2ND AND SUBSEQUENT FRAGMENTS)

FIG. 12

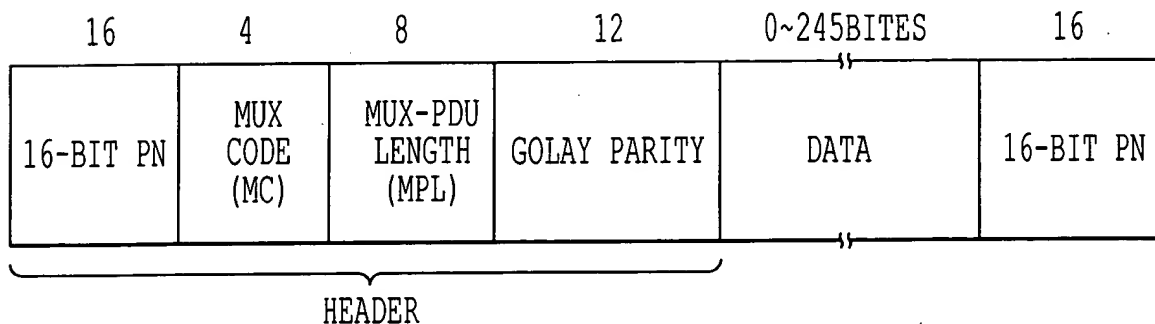


FIG. 13

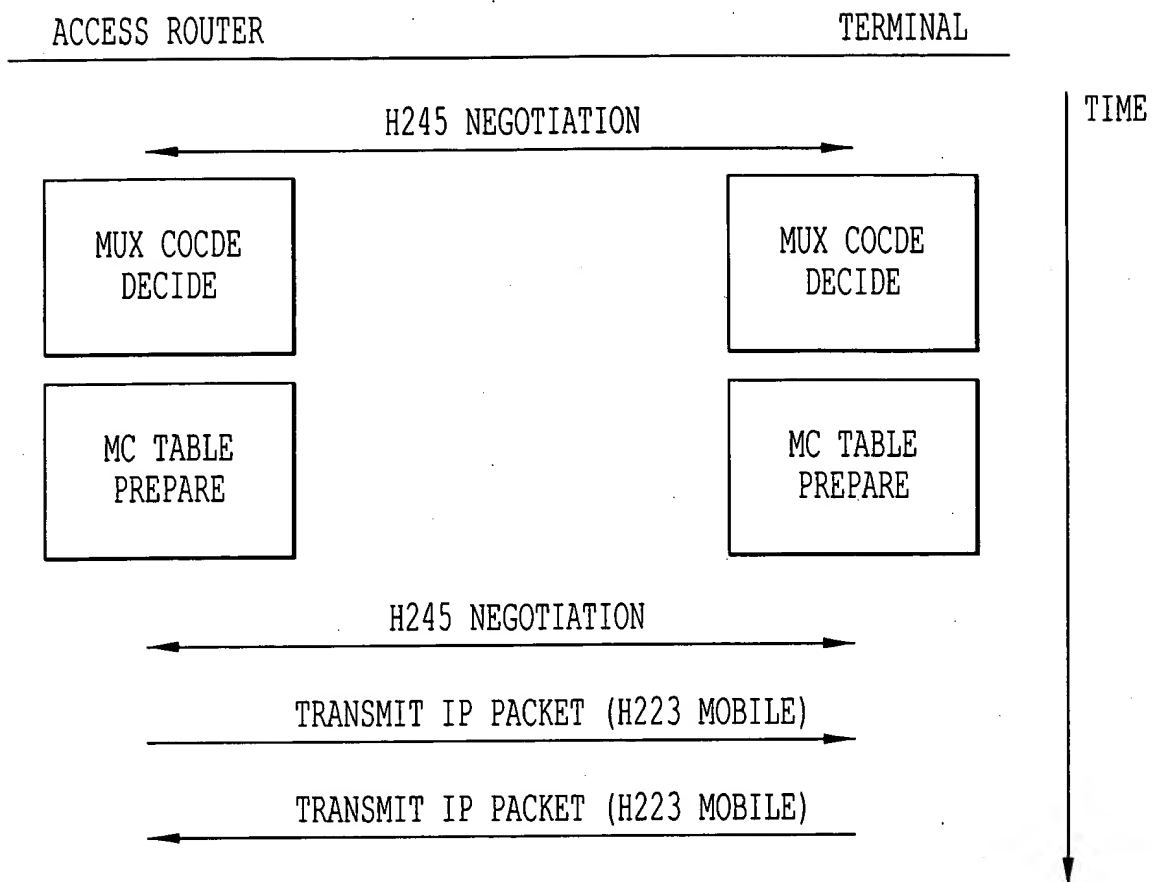
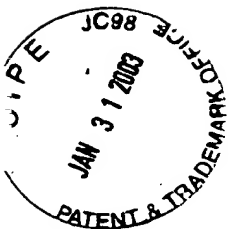


FIG. 14

VALUE OF MC	PAYLOAD CONFIGURATION	ATTIRBUTES
1	DATA1	FEC=FEC1
2	DATA2	FEC=FEC2
⋮	⋮	⋮

FIG. 15

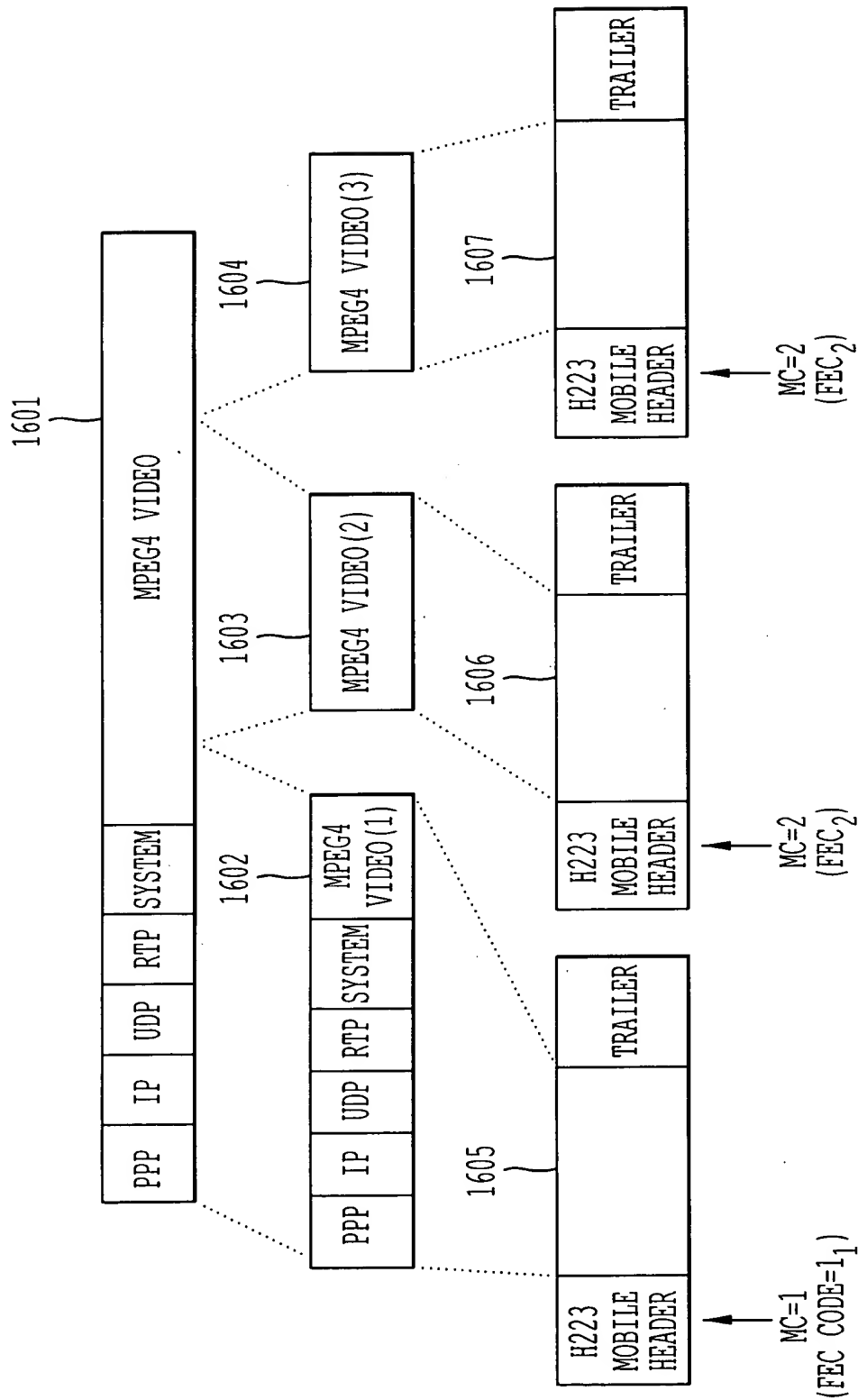
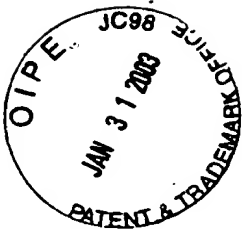


FIG. 16

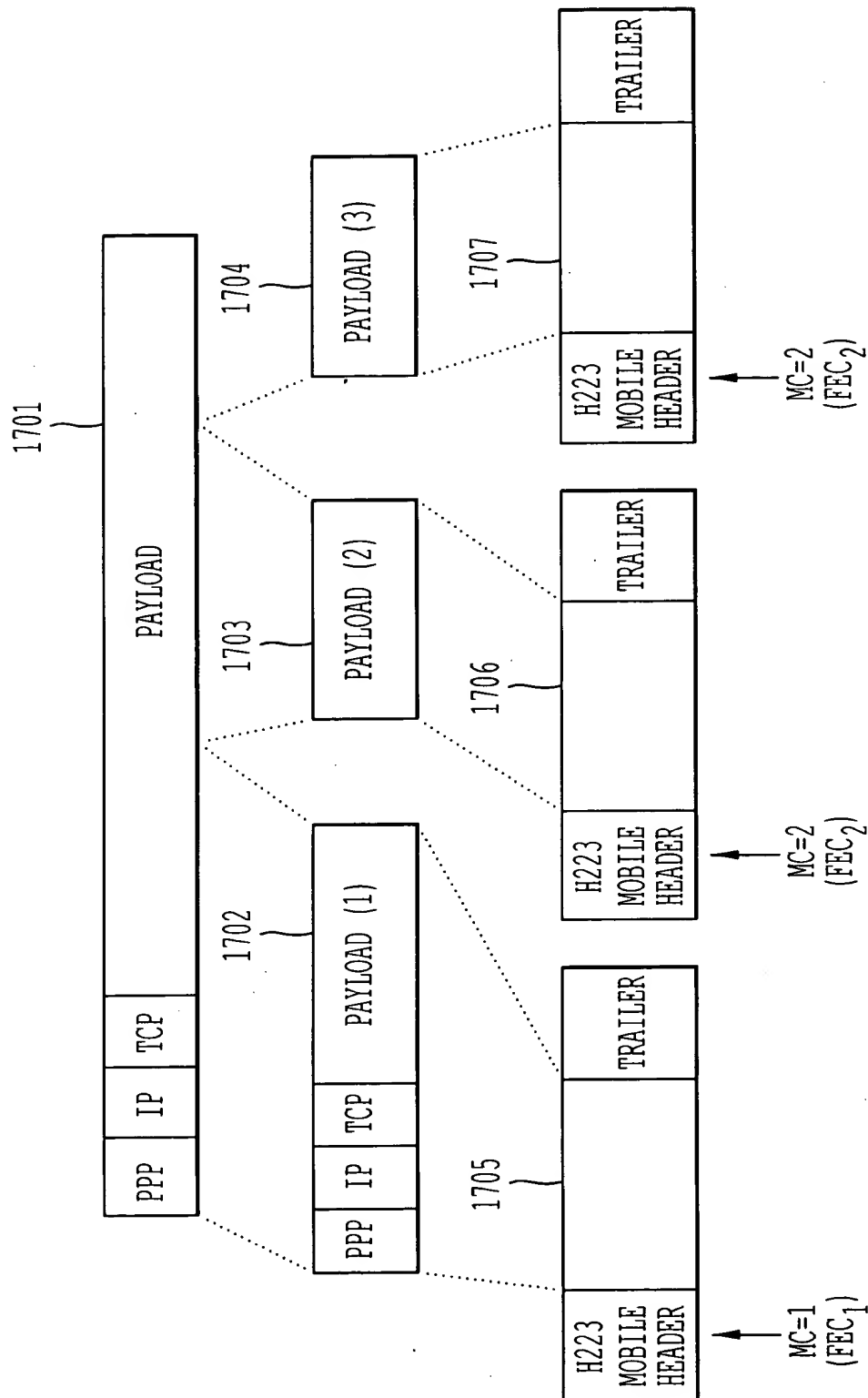
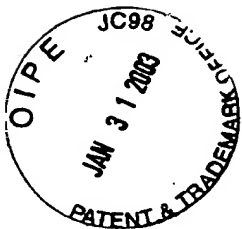


FIG. 17